

Configuring the SAE Community Manager

Use the following configuration statements to configure the SAE community manager that manages PCMM device communities:

```
shared sae configuration external-interface-features name CommunityManager {  
    keepalive-interval keepalive-interval ;  
    threads threads ;  
    acquire-timeout acquire-timeout ;  
    blackout-time blackout-time ;  
}
```

To configure the community manager:

1. From configuration mode, access the configuration statements for the community manager. In this sample procedure, *west_region* is the name of the SAE group, and *sae_mgr* is the name of the community manager.

```
user@host# edit shared sae group west-region configuration  
           external-interface-features sae_mgr CommunityManager
```

2. Specify the interval between keepalive messages sent from the active SAE to the passive members of the community.

```
[edit shared sae group west-region configuration external-interface-features  
 sae_mgr CommunityManager]  
user@host# set keepalive-interval keepalive-interval
```

3. Specify the number of threads that are allocated to manage the community. You generally do not need to change this value.

```
[edit shared sae group west-region configuration external-interface-features  
 sae_mgr CommunityManager]  
user@host# set threads threads
```

4. Specify the amount of time an SAE waits for a remote member of the community when it is acquiring a distributed lock. You generally do not need to change this value.

```
[edit shared sae group west-region configuration external-interface-features  
 sae_mgr CommunityManager]  
user@host# set acquire-timeout acquire-timeout
```

5. Specify the amount of time that an active SAE must wait after it shuts down before it can try to become the active SAE of the community again.

```
[edit shared sae group west-region configuration external-interface-features  
 sae_mgr CommunityManager]  
user@host# set blackout-time blackout-time
```

6. (Optional) Verify the configuration of the SAE community manager.

```
[edit shared sae group west-region configuration
external-interface-features sae_mgr CommunityManager]
user@host# show
CommunityManager {
    keepalive-interval 30;
    threads 5;
    acquire-timeout 15;
    blackout-time 30;
}
```

- Related Topics**
- Using the SAE in a PCMM Environment
 - Configuring the SAE Community Manager with the C-Web Interface
 - Setting Up SAE Communities (SRC CLI)
 - Initially Configuring the SAE .

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